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DATE DELIVERED: APRIL 5, 2004

DFW
PATENT

1653
Box Seq

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Weigel et al.)	Atty Dkt No:	35541.011
Serial No:	09/469,200)	Examiner:	G. Bugaisky
Filed:	December 21, 1999)	Art Unit:	1653
For:	HYALURONAN)		
	SYNTHASE GENE AND)		
	USES THEREOF)		

Mail Stop - Non-Fee Amendment
Commissioner For Patents
P.O. Box 1450, Alexandria, VA 22313-1450

AMENDMENT

In response to the Office Action mailed March 24, 2004, please amend the above-referenced patent application as follows.

In the Specification:

Please amend paragraph [0183] as submitted herein below in redline form. This paragraph is being amended herein to provide SEQ ID Nos to sequences that were disclosed in the Specification at the time of filing. Such amendments simply place the Specification in full compliance with 37 C.F.R.

APPROVED
for
PTO DEPOSIT ACCOUNT CHARGE
ACCOUNT #94-1700

DUNLAP, CODDING & ROGERS, P.C.

Express Mail No. Hand Delivered

APR 07 2004

Date Trans.

04/05/2004

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

09/469,200

Filing Date

12/21/1999

First Named Inventor

Paul Weigel, et al.

Group Art Unit

1653

Examiner Name

G. Bugaisky

Attorney Docket Number

35541.011

ENCLOSURES (check all that apply)

Fee Transmittal Form
 Fee Attached
 Amendment / Reply
 After Final
 Affidavits/declaration(s)
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Document(s)
 Response to Missing Parts/ Incomplete Application
 Response to Missing Parts under 37 CFR 1.52 or 1.53

Assignment Papers (for an Application)
 Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a Provisional Application
 Power of Attorney, Revocation Change of Correspondence Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s) _____

After Allowance Communication to Group
 Appeal Communication to Board of Appeals and Interferences
 Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please identify below):

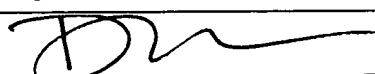
See remarks below:

Remarks

1. Transmittal Form (1 page); 2. Fee Transmittal (1 page);
3. Fee Determination Record (1 page);
4. Amendment (11 pages);
5. Sequence Listing (16 pages);
6. Diskette of Sequence Listing;
7. Statement That Content of the Paper And Computer Readable Copy Are The Same And Contain No New Matter (2 Pages); and
8. Postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name **DUNLAP, CODDING & ROGERS, P.C., Customer Number 30589**
Douglas J. Sorocco, P. O. Box 16370, Oklahoma City, Oklahoma 73113

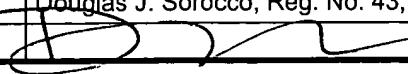
Signature 

Date **4-5-04**

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. Hand Delivered in an envelope addressed to the address below on this date: **04/05/2004**

Typed or printed name **Douglas J. Sorocco, Reg. No. 43,145**

Signature 

Date **4-5-04**

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

DUNLAP CODDING & ROGERS, P.C.

**1 P
FEE TRANSMITTAL
for FY 2004**

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 0)

Complete if Known

Application Number	09/469,200
Filing Date	12/21/1999
First Named Inventor	Paul H. Weigel et al.
Examiner Name	G. Bugalsky
Art Unit	1653
Attorney Docket No.	35541.011

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

 Deposit Account:

Deposit Account Number **04-1700**
 Deposit Account Name **Dunlap, Codding & Rogers, P.C.**
 Customer No. **30589**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1) (\$ 0)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20			
1201 86	2201 43	Independent claims in excess of 3			
1203 290	2203 145	Multiple dependent claim, if not paid			
1204 86	2204 43	** Reissue independent claims over original patent			
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$ 0)					

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

(Complete if applicable)

Name (Print/Type)	Registration No. (Attorney/Agent)	Telephone (405) 607-8600
Douglas J. Sorocco	43,145	Date 04/05/2004